How high the *High-water* Mark is above the *Low-water?* Which way it floweth? Which way it ebbeth? What time of the Moon the *Spring-tides* fall out?

9. Whether the Ice that floats in the Sea be of ſalt Water or freſh?

10. What *Rivers* there are in the Summer, and what freſh Water can be had?

11. What fowl are found to live there, and what Beaſts? How they are thought to ſubſiſt in Winter? How they breed and feed their young?

12. What *Vegetables* grow there, and whether they yield any Flowers or Fruits? *&c.*

13. Whether there have been any *Thunder* or *Lightning* obſerved in thoſe parts?

14. How deep the Cold penetrates into the Earth? Whether there be any Wells, Pits, or Mines ſo deep, that the Cold does not touch the bottom thereof?

15. How the Land tends? and whether the Parts under or near the *Pole* be by thoſe, that have gone fartheſt that way, thought to be *Sea* or *Land?* How near any hath been known to approach the *Pole*, and whether the Cold increaſeth with the increaſe of *Latitude?*

16. To make, if poſſible, ſome Experiments and Obſervations about the *Magnet* or *Needle*; and particularly, how much the *Declination* is there? and whether they do exactly obſerve the Degrees of *Declination* in their courſe? Likewiſe to make Obſervations about the *Height* of the *Sun*, and other Celeſtial Bodies, and their *Diameter*, *Refractions?* &c.

17. What is their opinion concerning the *North-eaſt* paſſage?

18. What Fiſh do moſt frequent thoſe Seas, beſides *Whales?* Any thing obſervable in their Fiſhing, as the uſual or unuſual bigneſs, ſtrength, and the ſeveral ſorts of *Whales*; and particularly to obſerve whether that kind of *Whales* they call *Trompa*, have in their *Heads* the *Sperma Ceti*, and in their *Entrails* the *Ambergreeſe*, looking like *Cows-dung*, as was alledged out of *Purchas* in *Numb.* 28. *pag.* 538?

19. To give in an exact Relation of the *Whale-fiſhing*, throwing the Harp-Irons, following the Fiſh, *&c.*

20. To deſcribe the whole manner of making the *Oyl* of *Whales.*

## *An Account of the* SYNOPSIS NOVÆ PHILOSOPHIÆ & MEDICINÆ *Franciſci Travagini* Medici Veneti.

SOme Months ſince there were two Letters ſent hither from *Venice* from Signor *Franciſco Travagino*, giving notice of a Treatiſe of his ready for the Preſs, under the Title of *NOVA PHILOSOPHIA & MEDICINA.* Thoſe Letters came accompanied with a *Synopſis* in Print,

Print, giving a brief Account of the Contents of the ſaid Treatiſe to this effect, *viz.*

That this Author hath compos'd a *Syſtem* of Natural Philoſophy by Obſervations and Experiments, accommodated to the benefit of Humane Life, and ſubſervient to *Phyſick* and other *ſubalternate* Arts; which *Philoſophy* he pretends to have raiſed on *Principles* that are certain Bodies drawn out of *Mixts*; which, though in themſelves inviſible and incoagulable, yet become, according to him, viſible by their Contrariety and mutual Operation upon one another, and ſo do conſtitute the Temperaments of Concretes, and cauſe not only their Diſſolution, but alſo their Redintigration.

Theſe *Principles* he undertakes to prove to be *Two Salts*, call'd by him *Acidum* and *Salſum*; which, as they work more or leſs on one another, when blended, ſo they loſe more or leſs of their Volatility, and the degrees of their Contrariety: And from their various Complication (in which he places the whole buſineſs and moment of *Philoſophy*) he holds, that that great multiplicity of Concretes, which is in the *Univerſe*, does reſult.

In particular, he deduceth from the ſaid *Principles* the cauſe of *Ferments* and their variety, the nature of *Generations*, *Concretions*, *Putrefactions*, *Precipitations*, *&c.* and ſheweth how thoſe *Principles* run through all *Minerals*, *Vegetables*, and *Animals*, by their manifold Combinations, and various ways of acting on one another.

He explains alſo the mixtures of *Alkaly's*, *Vitriols*, *Armoniacks*, *Sulphurs*, *Mercuries*, and explicateth the properties of *Diſſolvents*; as alſo *Taſts*, *Odours*, *Colours*, *&c.* all from the ſame Principles.

And having raiſed this Structure of his as far as he judgeth it ſufficient for *Subordinate* Arts, he proceeds to adapt it to the Art of *Phyſick*. And applying it to *Animal* Bodies, he thence draws the diverſity of Humours and Tempers, the beginning and duration of Vital Heat, the motion of the Limbs, the faculties of Entrails, the origin, vitality, and properties of the Blood, and the various Fermentations therein; ſhewing the Diſtempers of the Ferments and Juices in Animals, the nature of Coagulations, Diſſolutions, Feavers, and other Symptoms; as alſo the original of Poyſons in Animal Bodies; concluding with an Indication of the proper Remedies (as he conceives) of many Diſeaſes.

*Whether this Philoſophy be* new, *is eaſie to judge.*

*A Note to be inſerted above, pag.* 544. *after line* 12.

THis *Reſt* (by Mr. *Hook*'s ſuggeſtion) may be render'd more convenient, if, inſtead of placing the Screw *Horizontal*, it be ſo contriv'd, that it may be laid *parallel* to the *Equinoctial*, or to the *Diurnal* Motion of the Earth; for by that means the ſame thing may be perform'd by the ſingle motion of *one* Screw, which in the other way cannot be done but by the turning of *both* Screws: As will eaſily appear to thoſe that ſhall conſider it.

In the *SAVOY*,
Printed by *T. N.* for *John Martyn*, Printer to the *Royal Society*, and are to be ſold at the *Bell* a little without *Temple-Bar*, 1667.